

NON-CONTACT CLAMPING MECHANISM FOR USE IN AN OPTICAL DISK DRIVE

Abstract

A non-contact clamping mechanism for use in an optical disk drive including a turntable includes an upper cover including a first hole, a clamping device installed above the first hole of the upper cover for combining with the turntable so as to fix an optical disk, an upper plate for covering the first hole of the upper cover to prevent the clamping device from departing from the optical disk drive when reading the optical disk, and a magnetic element attached to the upper plate for providing a real-time preload to the clamping device.